

PATENT ABSTRACTS OF JAPAN

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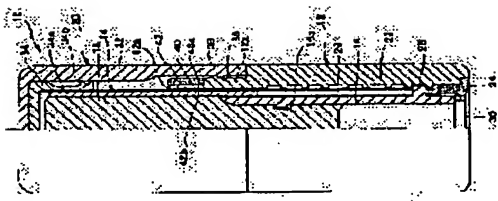
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(54) AIRTIGHT BAR-SHAPED COSMETIC CONTAINER

(57)Abstract:
PROBLEM TO BE SOLVED: To remarkably enhance the assembling work of seal cylindrical bodies, and also to insure a uniform sealing function to respective products, by inserting a seal cylindrical body from the upper end of an inner cylindrical body after an outer cylindrical body and the inner cylindrical body have been assembled with each other, and by mounting it to the upper end of the outer cylindrical body for assembling them.
SOLUTION: A small-diameter part 12a is formed to the upper end part of an outer cylindrical body 12 on which a cap 20 is fitted, and a diameter-contracted part 40 reaching the upper end of the small-diameter part 12a is formed to the outer circumference of the upper end part of the small diameter part 12a. A seal cylindrical body 42 in which a seal part 42a for covering the upper end of the diameter-contracted part 40 so as to be closely brought into contact, so that the space between the outer cylindrical body 12 and the inner cylindrical body 14 is sealed by the seal cylindrical body 42.



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CLAIMS

[Claim(s)]

[Claim 1] the inside of the outer case object which formed the spiral slot in inner circumference, and this outer case object — relativity, while being prepared pivotable While being prepared possible [relative displacement of shaft orientations] inside the container liner object with which the formation part of said spiral slot is covered, a vertical slit is formed, and the upper limit section is projected from the upper limit of said outer case object, and this container liner object The tubed cosmetics pan which protruded the guidance projection which penetrates said vertical slit and engages with said spiral slot. By being attached in the upper limit section of said outer case object removable, having a wrap cap for a part for the lobe of said container liner object, and carrying out relative rotation of an outer case object and the container liner object, where a cap is demounted in the cylindrical cosmetics container which the cylindrical cosmetics which moved spiral Mizouchi, and said guidance projection made carry out slide migration of the tubed cosmetics pan, had, and attached in said tubed cosmetics pan are made to haunt from the upper limit of a container liner object The airtight cylindrical cosmetics container characterized by preparing the annular seal barrel which has the seal section which extends on the upper limit section periphery of the outer case object with which said cap is attached toward the periphery of said container liner object, and is close to it with this.

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention] This invention relates to the airtight cylindrical cosmetics container the cylindrical cosmetics contained on the container liner object were made to appear frequently by relative rotation with an outer case object and a container liner object.

[0002]

[Description of the Prior Art] This kind of cylindrical cosmetics container is used as for example, a lip stick container, by carrying out relative rotation of an outer case object and the container liner object, makes cylindrical cosmetics, such as a lip stick, project from a container, and can use cosmetics now easily (refer to JP,1-35884,Y). Said cylindrical cosmetics are attached in a tubed cosmetics pan, and this tubed cosmetics pan is prepared possible [relative displacement to shaft orientations] inside said container liner object according to the carry device by the spiral slot constituted in the lower limit section of a container, and — among these, the thing to do for the relative rotation of a barrel and said outer case object — said carry device — a tubed cosmetics pan — a carry — or it carries down and carries out, and it has and cylindrical cosmetics are made to appear frequently from the upper limit of a container liner object [0003] By the way, if it is in such a cylindrical cosmetics container in order to prevent desiccation solidification of volatile cosmetics and to prevent foreign matter invasion of dust etc. With a wrap, a seal ring is prepared for the upper limit part of the container liner object with which cosmetics appear frequently with a cap between the upper limit section inner circumference of an outer case object, and the periphery of a container liner object, and the inside of a container liner object and an outer case object is sealed from the outside as be alike, respectively.

[0004]

[Problem(s) to be Solved by the Invention] However, if it is in this conventional airtight cylindrical cosmetics container, fitting of the seal ring prepared between an outer case object and a container liner object is carried out to the slot formed in the inner circumference of an outer case object, and the periphery of a container liner object, respectively, and positioning of this seal ring is performed. That is, in case said seal ring is attached, after equipping beforehand one slot of an outer case object or a container liner object with a seal ring, a container liner object is inserted in an outer case object, it is moved to the slot on another side, compressing the seal ring which fitted into one slot at the time of this plug between an outer case object and a container liner object, and, as for a seal ring, that attachment is completed in the phase both whose slots corresponded.

[0005] For this reason, when inserting said outer case object in said container liner object, the inner skin of the outer case object with which the slot on another side was formed to the seal ring, or the peripheral face of a container liner object will ***, and this seal ring will be dragged between an outer case object and a container liner object. By this, a seal ring has a possibility that it may drop out of a slot, or a seal ring may be twisted, and it may become impossible for while fitting in beforehand to secure a good seal function. Thus, if it was in the conventional airtight cylindrical cosmetics container, since the seal of an outer case object and a container

liner object was performed by the inside of this outer case object, the technical problem that the attachment nature of a seal ring could not expect a uniform seal function between each product well occurred.

[0006] Then, this invention is made into easy structure in view of this conventional technical problem, and the good seal engine performance can be secured and it aims at offering the cylindrical cosmetics container which greatly raised commodity value.

[0007]

[Means for Solving the Problem] the inside of the outer case object with which this invention formed the spiral slot in inner circumference in order to attain this purpose, and this outer case object — relative, while being prepared pivotable While being prepared possible [relative displacement of shaft orientations] inside the container liner object with which the formation part of said spiral slot is covered, a vertical slit is formed, and the upper limit section is projected from the upper limit of said outer case object, and this container liner object The tubed cosmetics pan which protruded the guidance projection which penetrates said vertical slit and engages with said spiral slot, By being attached in the upper limit section of said outer case object removable, having a wrap cap for a part for the lobe of said container liner object, and carrying out relative rotation of an outer case object and the container liner object, where a cap is demounted in the cylindrical cosmetics container which the cylindrical cosmetics which moved spiral Mizouchi, and said guidance projection made carry out slide migration of the tubed cosmetics pan, had, and attached in said tubed cosmetics pan are made to haunt from the upper limit of a container liner object It constitutes by preparing the annular seal barrel which has the seal section which extends on the upper limit section periphery of the outer case object with which said cap is attached toward the periphery of said container liner object, and is close to it with this.

[0008] If it is in the airtight cylindrical cosmetics container of this invention by the above configuration, since the seal section of this seal barrel is close to the periphery of a container liner object by preparing a seal barrel in the upper limit section periphery of an outer case object, between these outer case object and container liner objects can be certainly sealed from the outside of an outer case object by this seal barrel. Therefore, the seal of the gap with the container liner object used as the inside of an outer case object can be carried out by said seal barrel with which it is equipped from a way outside an outer case object, without arranging a seal member between an outer case object and a container liner object. After attaching an outer case object and a container liner object, said seal barrel is inserted in from the upper limit of a container liner object. For this reason, equip the upper limit section of an outer case object, or Since the outer case object is beforehand equipped with the seal barrel and a container liner object can be inserted and attached to the outer case inside of the body after that, the attachment nature of this seal barrel can be improved sharply, and a uniform seal function can be guaranteed to each product.

[0009]

[Embodiment of the Invention] Hereafter, the example of this invention is explained to a detail with reference to an accompanying drawing, a part of condition of drawing 4 having shown one example of the airtight cylindrical cosmetics container of this invention from drawing 1, drawing 1 having removed the fracture front view, and drawing 2 having removed the cap in part, and 3 having projected cylindrical cosmetics — a part of condition of a fracture front view and drawing 3 having removed the cap, and having projected cylindrical cosmetics — a fracture perspective view and drawing 4 — some caps — it is a fracture perspective view.

[0010] Namely, as the airtight cylindrical cosmetics container 10 of this example is shown in drawing 3 from drawing 1, while fitting of the container liner object 14 is carried out inside the outer case object 12 By carrying out fitting of the tubed cosmetics pan 16 inside this container liner object 14, and filling up this tubed cosmetics pan 16 with the cylindrical cosmetics 18, an outline configuration is carried out, and the upper part of said container liner object 14 is covered, and the upper limit section of the outer case object 12 is equipped with cap 20 removable.

[0011] Said outer case object 12 is formed in the shape of [which was opened wide up and

down] a cylinder, the inner circumference is covered at the predetermined die length of shaft orientations, and the spiral slot 22 is formed. And the bottom plate 24 of the shape of a ring to which opening of the center section was carried out is attached in the lower limit section by which the outer case object 12 was opened wide.

[0012] said container liner object 14 is formed in the shape of [which was opened wide up and down] a cylinder, and is formed for a long time than said outer case object 12 — having — the inside of this outer case object 12 — relativity — abbreviation close is carried out pivotable and fitting is carried out. And the upper limit section of the container liner object 14 is projected only for predetermined die length from the upper limit of the outer case object 12 in the state of this fitting. Moreover, the vertical slit 26 is formed in the part by which said spiral slot 22 was formed in the part by which fitting of the container liner object 14 is carried out to the outer case object 12.

[0013] Said tubed cosmetics pan 16 is formed in the shape of [which was opened wide up and down] a cylinder, and fitting of the relative displacement of shaft orientations of it is made possible inside said container liner object 14. And from the lower limit section outside of the tubed cosmetics pan 16, the guidance projection 28 which penetrates said vertical slit 26 and engages with said spiral slot 22 protrudes on one. Moreover, stop projection 16a protrudes inside said tubed cosmetics pan 16, and it prevents that said cylindrical cosmetics 18 with which this stop projection 16a was filled up in the tubed cosmetics pan 16 are pulled out.

[0014] In addition, said cylindrical cosmetics 18 make reverse said outer case object 12, said container liner object 14, and said tubed cosmetics pan 16, and a bottom plate 24 is located up. And it is formed by pouring in the cosmetics of a melting condition over the inside of the tubed cosmetics pan 16 and the container liner object 14 from central opening of said bottom plate 24, where the clear aperture (drawing 1 Nakagami edge) at the tip in which it will be located under the container liner object 14 is stopped. Moreover, after central opening of said bottom plate 24 pours in the cosmetics of said melting condition, it sticks the seal paper 30 and has stopped it airightly.

[0015] Said cap 20 consists of a cylinder-like body cylinder 32 by which the closedown of the upper limit was carried out, and an interpolation cylinder 34 formed in the shape of [to which it was inserted inside this body cylinder 32, and the closedown of the upper limit was carried out like this body cylinder 32] a cylinder, as shown in drawing 4 . Fitting of the lower limit section of said body cylinder 32 is carried out to the narrow diameter portion 12a periphery formed in the upper limit section of said outer case object 12. While the 1st stop projection 36 protrudes on the periphery of narrow diameter portion 12a of the outer case object 12 at this time, the 2nd stop projection 38 protrudes on the inner circumference of the body cylinder 32, and these 1st and 2nd stop projections 36 and 38 are mutually engaged in the condition of having been equipped with the cap 20.

[0016] Said interpolation cylinder 34 is formed by flexible members, such as synthetic resin, and the upper limit side by which the closedown was carried out pastes it up on the closedown edge inferior surface of tongue of the body cylinder 32. While 1st seal section 34a by which close fitting is carried out to the upper limit section periphery of the container liner object 14 is formed in the upper limit section of said interpolation cylinder 34 Bending section 34b whose diameter is expanded in the outer-diameter direction is formed in this 1st seal section 34a bottom, and the tip of this bending section 34b is contacted inside said body cylinder 32, and adds resiliency to said 1st seal section 34a by this bending section 34b.

[0017] Here, in this example, while forming the diameter reduction section 40 which reaches the upper limit of this narrow diameter portion 12a in the upper limit section periphery of narrow diameter portion 12a of the outer case object 12 with which cap 20 is attached, the seal barrel 42 is attached in this diameter reduction section 40. While said seal barrel 42 is annularly formed by elasticity material, such as elasticity synthetic resin and rubber, and seal section 42a which is close to the periphery of said container liner object 14 as covers the upper limit of said narrow diameter portion 12a in the upper limit section is formed, fitting of seal barrel 42 the very thing is been [the very thing / it] close and carried out to the periphery of said diameter reduction section 40. In addition, said seal barrel 42 engages with annular crevice 40a which annular

heights 42b formed in the inner circumference of this formed in the periphery of the diameter reduction section 40, and ***** is performed.

[0018] If it is in the airtight cylindrical cosmetics container 10 of this example by the above configuration, in the condition of having contained the cylindrical cosmetics 18 and having equipped with the cap 20 as shown in drawing 1 , the 1st and 2nd stop projections 36 and 38 of cap 20 and the outer case object 12 are engaged mutually, and 1st seal section 34a of the interpolation cylinder 34 is close to the upper limit section periphery of the container liner object 14.

[0019] And in case said cylindrical cosmetics 18 are used, the guidance projection 28 of the tubed cosmetics pan 16 which penetrates the vertical slit 26 moves along the spiral slot 22 by demounting cap 20 and carrying out the RRC of the relative rotation 12, for example, the outer case object, for the outer case object 12 and the container liner object 14. Then, the tubed cosmetics pan 16 is advanced up and makes the cylindrical cosmetics 18 project from the upper limit of the container liner object 14, as shown in drawing 2 and drawing 3 .

[0020] Moreover, the guidance projection 28 can move the outer case object 12 and the container liner object 14 to hard flow along the spiral slot 22 by carrying out the RLC of the relative rotation 12, for example, the outer case object, at an opposite direction, and after use termination of the cylindrical cosmetics 18 can carry down the tubed cosmetics pan 16, and can contain the cylindrical cosmetics 18 in the container liner object 14.

[0021] By the way, in this example, the seal barrel 42 is attached in the diameter reduction section 40 used as the upper limit section of the outer case object 12, while seal section 42a is close to the periphery of the container liner object 14, this seal barrel 42 very thing is close to said diameter reduction section 40, and fitting of this seal barrel 42 is carried out. For this reason, between these outer case object 12 and the container liner objects 14 can be certainly sealed from the outside of the outer case object 12 by said seal barrel 42. Therefore, in the condition of having equipped with said cap 20, since the container 10 interior is certainly sealed by said 1st seal section 34a and said seal section 42a, invasion of desiccation of the cylindrical cosmetics 18, dust, etc. can be prevented.

[0022] Thus, in this example, a seal can be secured by this seal barrel 42 with which it is equipped from a way outside the seal barrel 42 12 attached in said diameter reduction section 40, i.e., an outer case object, without arranging a seal member between these outer case object 12 and the container liner object 14 in sealing between the outer case object 12 and the container liner objects 14. For this reason, after attaching the outer case object 12 and the container liner object 14 by which fitting is carried out Said seal barrel 42 is inserted in from the upper limit of the container liner object 14. Equip said diameter reduction section 40, or Since the outer case object 12 side is beforehand equipped with the seal barrel 42 and the container liner object 14 can be inserted and attached in the outer case object 12 after that, the attachment nature of this seal barrel 42 will improve sharply, and a uniform seal function will be obtained to each product.

[0023] Drawing 5 and drawing 6 show other examples, and omit and describe the explanation which gives the same sign to the same component as said example, and overlaps it. In addition, drawing 5 — a part — a fracture front view and drawing 6 — some caps — is a fracture perspective view.

[0024] While installing the interpolation cylinder 34 of cap 20 to near the lower limit section of the body cylinder 32 in this example and forming 1st seal section 34a in the upper limit section of the interpolation cylinder 34 like said example It goes caudad from this 1st seal section 34a, the diameter is expanded gradually, the periphery of the lower limit section is contacted inside the body cylinder 32, and the 34d of the 2nd seal sections which are close to the inner circumference of this contact partial 34c at the periphery of the seal barrel 42 is formed.

[0025] Moreover, in this example, the 2nd stop projection 38 is formed in the lower limit section inner circumference of said interpolation cylinder 34, and this 2nd stop projection 38 engages with the 1st stop projection 36 formed in narrow diameter portion 12a of the outer case object 12 in the state of wearing of cap 20.

[0026] Therefore, in this example, since 1st seal section 34a and the 34d of the 2nd seal

sections are prepared in the interpolation cylinder 34, in the condition of having been equipped with the cap 20, it becomes double-seal structure and the sealing performance in a container 10 can be raised more.

[0027] In addition, since the seal barrel 42 is attached in the diameter reduction section 40 formed in the upper limit section of the outer case object 12 and the seal of between the outer case object 12 and the container liner objects 14 is carried out by seal section 42a of this seal barrel 42, even if it is in this example, while the attachment nature of the seal barrel 42 improves sharply, the seal function which carried out homogeneity to each product can be obtained.

[0028]

[Effect of the Invention] If it is in the airtight cylindrical cosmetics container of this invention as explained above. Since the seal barrel which formed the seal section close to the periphery of a container liner object in the upper limit section periphery of the outer case object with which a cap is attached is prepared and between these outer case object and container liner objects was sealed from the outside of an outer case object by this seal barrel. The seal of the gap with the container liner object used as the inside of an outer case object can be carried out by said seal barrel with which it is equipped from a way outside an outer case object, without arranging a seal member between an outer case object and a container liner object. After following, for example, attaching an outer case object and the container liner object of each other, the outstanding effectiveness that the attachment nature of this seal barrel can be improved sharply, and a uniform seal function can be guaranteed to each product since said seal barrel can be inserted in from the upper limit of a container liner object, the upper limit section of an outer case object can be equipped and it can attach is done so.

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] one example of the airtight cylindrical cosmetics container of this invention is shown — it is a fracture front view a part.

[Drawing 2] a part of condition of having removed the cap in which one example of this invention is shown, and having projected cylindrical cosmetics — it is a fracture front view.

[Drawing 3] a part of condition of having removed the cap in which one example of this invention is shown, and having projected cylindrical cosmetics — it is a fracture perspective view.

[Drawing 4] some caps in which one example of this invention is shown — it is a fracture perspective view.

[Drawing 5] It is the front view which carried out the cross section of the important section which shows other examples of this invention.

[Drawing 6] It is the *** Fig. which carried out the cross section of the important section of the cap in which other examples of this invention are shown.

[Description of Notations]

10 Cylindrical Cosmetics Container 12 Outer Case Object

14 Container Liner Object 16 Tubed Cosmetics Pan

18 Cylindrical Cosmetics 20 Cap

22 Spiral Slot 26 Vertical Slit

28 Guidance Projection 40 Diameter Reduction Section

42 Seal Barrel 42a Seal Section

[Translation done.]

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A 4 5 D	40/06		A 4 5 D	Z
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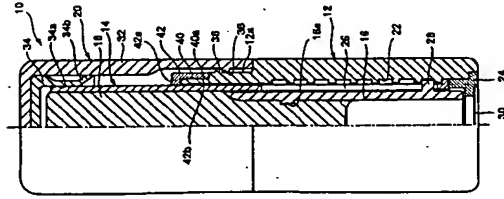
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(54)【発明の名称】
気密導化柱料容器

(57)【题约】

【解説】 外筒体と内筒体との間にシールリングを設けてあるため、外筒体を内筒体に差し込む時に外筒体と内筒体との間でシールリングが引きずられてしまい、シールリングの屈折性が良くなり、かつ、各製品間で均一なシール漏れが期待できない。

【解決手段】 キャップ20が嵌着される外筒体12の上端部に小径部12aを形成し、この小径部12aの上端部外周に、この小径部12aの上端に達する縮径部40を形成する。縮径部40に小径部12aの上端を覆うシール部42aを形成したシール筒体42を密着して嵌着し、シール筒体42によって外筒体12と内筒体14との間をシールする。



【特許請求の範囲】

【請求項1】 内周に接合溝を形成した外筒体と、この外筒体の内側に相対回転可能に設けられる共に、前記外筒体の内周に相対回転可能に設けられる共に、上端部が前記外筒体の上端から突出する内筒体と、この内筒体の内周に軸方向の相対移動可能に設けられると共に、前記スリットを貫通して前記接合溝に低圧する案内突起を突起させた筒状化粧料と、前記外筒体の上端部に着脱可能に設けられ、前記内筒体の突出部分を覆うキャップとを備え、キャップが設けられた状態で外筒体と内筒体とを相対回転することにより、前記案内突起が接合溝内を移動して筒状化粧料をスライด์移動させ、もって、前記筒状化粧料が内筒体に取付けられた筒状化粧料の内周の上端から突出させる筒状化粧料において、前記キャップが嵌着された外筒体の上端部周面に、前記内筒体の内周に方向によって突出されてこれと嵌着するシーリング部を有する環状のシーリング体を設けたことを特徴とする筒状化粧料装置。

【発明の詳細な説明】

【0001】
【発明の属する技術分野】本発明は、外筒体と内筒体との相対回転により、内筒体に収納した導化燃料を出送するようにした導化燃料容器に関する。

【0002】

【従来の技術】この種の形状記憶合金容器は、例えば口紅容器として用いられ、外筒体と内筒体とを相対回転させることによって口紅等の形状記憶合金を容器から突出する（第4号公報）に化して使用できるものになっている（第3号公報参照）。前記形状記憶合金は筒状化材料と称され、筒状化材料は、容器の先端部から露出した部分に形成した螺旋溝による段上げ機構によって、前記内筒体の内側に螺旋方向に相対移動可能に設けられている。そして、この内筒体と前記外筒体とを相対回転することによって、前記段上げ機構によって筒状化材料を段上げまたは繰下し、もって、筒状化材料を内筒体の上端から突出させるようになっている。

【0003】ところで、このような単位化燃料容器には、揮発性化燃料の乾燥固化を防止し、かつ、揮発物の異物侵入を防止するために、化燃料が流出される内筒部と上端部との間にシールリングを設け、それによって内筒と内筒部の外周と外筒の内面と外筒から密封されるようになっている。

【発明が解決しようとする課題】しかしながら、かかる従来の発明は、外筒と内筒の間に、外筒の内面および内筒の外面にそれぞれ形成した溝に嵌合されて、この二つの筒とに設けられるシールリングの間にシールリングの周囲にシールリングの位置決めが行われるようになっている。つまり、前記シールリングを組付ける際には、シール

・リリングを、外筒体または内筒体の一方の端に予め装着した後、外筒体に内筒体を差し込み、この差し込み時に一方の端に嵌合したシールリングを、外筒体と内筒体との間で圧縮しつつ他方の溝まで移動し、両方の溝が一致した段階でシールリングはその留付けが完了される。

【0005】このため、前記外筒体を前記内筒体に押し込む時に、シールリングに対して他方の端が形成された外筒体の内周面または内筒体の外周面が相接して、このシールリングが外筒体と内筒体の間で引きずられてしまう。このことから、シールリングは予め嵌合した一方の端から脱落したり、シールリングが壊れてしまったりして、良好なシール性能が確保できなくなってしまうおそれがある。このように、従来の気密保持性材料容器にあっては、外筒体と内筒体とのシールがその外筒体の内側で行われていたため、シールリングの取付性が良くなく、かつ、各製品間で均一なシール性能を期待できないうような課題があった。

【0006】そこで、本発明はかかる従来の課題に鑑みて、簡単な構造にして良好なシール性能を確保でき、商品価値を大いに高めるようにした密封性材料容器を提供することを目的とする。

[0007]

【課題を解決するための手段】かかる目的を達成するために本発明は、内周に螺旋溝を形成した外筒体と、この外筒体の内側に相対回転可能に設けられると共に、前記螺旋溝の形成部分に亘って縦スリットを形成し、上端部が前記外筒体の上端から突出する内筒体と、この内筒体の内側に相対移動可能に設けられると共に、この内筒体の軸方向の相対移動可能に設けられると共に、前記縦スリットを貫通して前記螺旋溝に係合する案内突起を有する。

起を突設した簡状化燃料血と、前記簡状体の上端部に着脱可能に設けられ、前記簡状体の突出部分に厚層キャップとを備え、キャップを取外した状態で簡状体と筒状体内血とを相対回転させることにより、前記筒内突出部分を移動して筒状化燃料血をスライド移動させるもって、前記筒状化燃料血に取付けた棒状化燃料を簡状体の上端部から突出させる棒状化燃料芯器において、前記キャップが設けられる筒状体の上端部外周に、前記筒状体の外周に方向から突出されてこれと密接するシール部を有する。環状のシール部を設けることにより構成する。

【0008】以上の構成により本発明の気密保持型飲料容器においては、外筒体の上端部外周にシール筒体を設けることにより、このシール筒体のシール部は内筒体との外周に密接されるため、このシール筒体内と内筒体との間に配置することなく、外筒体の外方から装着されることができ、従って、シール部材を外筒体内と内筒体との間に配置することなく、外筒体の内側となる内筒体側の前記シール筒体によって、この筒体の内側と外筒体の内と内筒体とを密封することができる。このため、外筒体の上端から挿通して外筒体の上端部に装着したり、あらかじめ

じめシール筒体を外筒体に装着しておいて、その後には
筒体を外筒体内に挿入したりして組み付けることができ
るため、このシール筒体の組付け性を大幅に向上し、か
つ、各製品に対して均一なシール機能を保証することが
できる。

【00009】
 【発明の實施例を添付図面に
 参照して詳細に説明する。図1から図4は本発明の氣
 管は状態化材料容器の一実施例を示し、図1は一部断直正
 面図、図2はキャップを取り外して棒状化燃料を突出し
 た状態の一部断直正面図、図3はキャップを取り外して
 棒状化燃料を突出した状態の一部断斜視図、図4はキ
 ャップの一部断斜視図である。

【0010】即ち、本発明の気密密封化燃料容器10は図1から図3に示すように、外筒体12の内側に内筒体14が嵌合され、かつ、この内筒体14の内側に筒状化燃料筒16が嵌合され、かつ、この筒状化燃料筒16に密封化燃料18が充填されることにより長方形構成され、そして、前記内筒体14の上部を覆って外筒体12の上部部にはキャップ20が覆設可能に装着されるようになっている。

【0011】前記外筒体12は上下に開放された円筒状に形成され、その内周には軸方向の所定長さに亘って螺旋溝22が形成される。そして、外筒体12の開放された下端部には、中央部が開口されたリング状の底板24が設けられる。

【0012】前記内筒体14は上下に開放された円筒状に形成されて、前記外筒体12より厚み形成され、この外筒体12の内面に相対回転可能に設けられた嵌合される。そして、この嵌合状態の内筒体14の上端部が外筒体12の上端から所定位置までが突出される。また、内筒体14の外筒体12に嵌合される部分には、前記螺旋波22が形成された部分に摺り合っ226が形成される。

【0013】前記簡状化装料16は上下に開放された円筒状に形成され、前記円筒体14の内側に軸方向16の相対移動可能に嵌合される。そして、筒状化装料16の下端部外周からは、前記スリット26を貫通して前記筒状化装料22に嵌合する筒状突起28が一体に突設される。また、前記筒状化装料16の内側には底止突起16aが突設され、この底止突起16aによって筒状化装料16内に充填された前記筒状化装料18が旋回されるのを防止するようになっている。

【0014】 従、前記塩化ビニル 8 は、前記外筒体 2 における前記筒状化ビニル 16 を逆さにして、前記筒体 24 上方に固定させ、かつ、内筒体 15 の下方に位置されることとする先端の開閉口（図 1 中上端部）を閉止した状態で、筒状体の化ビニルを前記筒体 24 の中央開口から筒状化ビニル 16 および内筒体 14 内

化粧料を注入した後、シール紙30を貼って気密に閉止してある。

【0015】前記キャップ20は図4に示すように、上機が閉止された円筒状の本体筒32と、この本体筒32の内側に挿入され、この本体筒32と同様に上端が閉止された円筒面内に形成された内筒部34とで構成される。前記本体筒32の下端部は、前記外筒面12の上端部に形成された小径部12a外周に嵌合される。このとき、外筒面12の小径部12aの外周には第1係止突起36が突設されると共に、本体筒32の内周に第2係止突起38が突設されると、キャップ20が装着された状態で、第1、第2係止突起36、38が互いに嵌合されるようになっている。

【0061】前記内坪部3 4は合成樹脂等の可撓材料で形成され、防止された上端が前記本体部3 2の折曲下端面1に接合される。前記内坪部3 4の上端部には、内筒体1に接合される。前記外坪部1に接合される第1シール部3 4 aが、4の上端部外周に接合される。第1シール部3 4 aの下側には、形成されると共に、この第1シール部3 4 aの下側には、外延方向に延設される折曲部3 4 bが形成され、この折曲部3 4 bの先端は前記本体部3 2の内筒に当接され、この折曲部3 4 bによって前記第1シール部3 4 aに弾力性を付与するようにになっている。

【0101】ここで、本実施例ではキャップ220が被覆される外周12の小径部12aの上端部周面に、この小径部12aの上側に連なる縦筋部40を形成する一方、この縦筋部40上にシール部42を設ける。シール部42は軟質樹脂部とがゴム状の軟質材で構成され、その上層部は前記小径部12aの上層部に形成され、その上層部は前記小径部12aの上部を覆うようにして前記内層部14の外周に接するシール部42aが形成されると共に、シール部42a自体は前記縦筋部40の外周に巻回して設けられる。尚、前記シール部42は、この外周に形成した環状の凸部42bが、縦筋部40の外周に形成した環状の凹部40aに係合されるように形成される。

【0018】以上の構成により実施例の気密密封装置は、図1に示すように特設支柱1、容器10においては、図1に示すように特設支柱1、8を取付け、キャップ20の8を嵌合した状態では、キャップ20と外筒体12の第1、第2係止突起36、38が互いに嵌合され、かつ、内筒部34の第1シール部34aが内筒体14の上端部外周面に密着している。

【0019】そして、前記特許化燃料 18 を使用する際には、ケップ 20 を取外して外筒体 12 の内筒体 14 とを相対回転 20 秒は内筒体 12 を右回転するとともに、図 2 に示したように特許化燃料血 16 上方に繰上げ、縦スリット 26 を貫通する形状化燃料血 16 の案内、突起 28 は螺旋溝 22 に沿って移動する。すると、図 2、図 3 に示したように特許化燃料血 16 上方に繰上げられ、特許化燃料 18 を内筒体 14 の上端から突出させる。

【0020】また、棒状化粧料18の使用終了後は、外筒体12と内筒体14とを反対方向に相對回転、例えば

外筒体12を左回転することにより、案内突起28が螺旋溝22に沿って逆方向に移動して筒状化燃料皿16を線下ば、棒状化燃料18を内筒体14内に収納することができるとができる。

【0021】ところで、本実施例では外筒体12の上端部となる箱蓋部40にシール胴体42が装着されており、このシール胴体42はシール部42a内筒体14の外周に密着すると共に、このシール部42a自体が外筒体12の上部開口部に密着することから、前記箱蓋部40にシール胴体42を装着した状態で、前記シール胴体42によって外筒体12の外周からこれら外筒体12と内筒体14との隙間を確実に密封することができ、従って、前記キャップ20を抜き差しした状態では、前記第1シール部34aと前記シール部42aとによって容器10内部の気体を外部に封止されることが、特許文献1の製造工程で漏洩の虞を防止するため、特許文献8の製造工程で漏洩の虞を防止するため、特許文献9

【0002】このように本実施例では、外筒体12と内筒体14の4面を包封するようである、このうち外筒体12と内筒体14の4面の間に樹脂基材を配置する。このため、前記絶縁部40に装着されるシール筒体42、つまり、外筒体12の外方から包封されるこのシール筒体42により、外筒体12の内面と内筒体14の上面から押通して前記絶縁部40に装着したり、あらかじめシール筒体42を外筒体12側に装着しておいて、その後の内筒体14を外筒体12内に挿入したりして包封することができ、このシール筒体42の包封仕様が大幅に向上される。かつ、各製品に対して均一なシール性能が得られることになる。

【0023】図5、図6は他の実施例を示し、前記実施例と同一構成部分に同一符号を付して重複する説明を省略して述べる。尚、図5は一部破断正面図、図6はキップの一部破断斜視図である。

【0024】この実施例ではキヤップ200の内筒部34を本筒部32の下端部近接まで延設し、前記実施例と同様に内筒部34の上端部第1シール部34aを形成すると共に、この第1シール部34aから下方向に付設する外筒部36を本筒部34の内筒に当接し、外筒部36に形成した第1係止突起36aに合致されるようになっている。

【0026】従って、この実施例では内挿筒34に第1シール部34aと第2シール部34dとが設けられるた

め、キャップ20が装着された状態では二重シール構造となり、容器10内の密封性をより高めることができる。

【0027】尚、この実施例にあっては外筒体12の上端部に形成される箱型部40にシール筒体42が嵌着され、このシール筒体42のシール部42aによって外筒体12と内筒体14との間がシールされるため、シール筒体42の組付け性が大幅に向上され、各製品に均一したシール性能を得ることができ、

【00028】
 【発明の効果】以上説明したように本発明の気密体は化
 粧用容器においては、キャップが設置される外周体の上
 部外周に、内周体の外周に密接されるシール部を形成
 したシール部を設け、このシール部体によって外周体
 の外周からこれら外周体と内周体との間を密封するよう

にしたので、シール部分が外筒体と内筒体との間に配列することなく、外筒体の外方から装着する内筒体と内筒体の筒体によって、外筒体の内筒となることができ、例えれば内筒体と内筒体とを互いに超付けた後に、前記シール筒体は内筒体の上端から内筒体と外筒体の上端部に装着するものとして超付けた付着に向上し、かつ、各製品に対して均一なシール強度を保證することができ、超付けた均一なという優れた効果を実現する。

【図面の簡単な説明】
【図１】本発明の気密は状化粧料容器の一実施例を示す一般破断正面図である。

【図2】本発明の一実施例を示すキヤップを取り外して棒状化靱料を突出した状態の一部破断正面図である。

【図3】本発明の一実施例を示すキップを取り外して棒状化材料を突出した状態の一部断面斜視図である。

【図４】本発明の一実施例を示すキャップの一部磁断線
視図である。

【図5】本発明の他の実施例を示す要部を断面した正面図である。

【図6】本発明の他の実施例を示すキャップの要部を断面した斜示図である。

【符号の説明】

10	棒状化粧料容器	12	外筒体
14	内筒体	16	筒状化粧

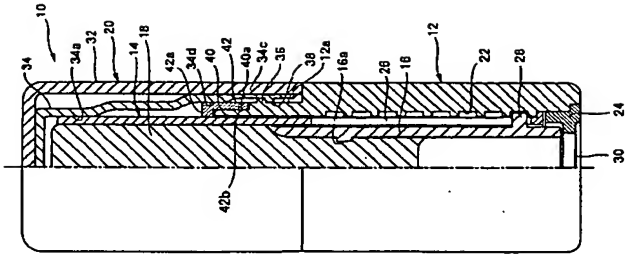
料皿 18 糖化餅料 20 キャップ

22 螺旋溝 26 嵌スリッ

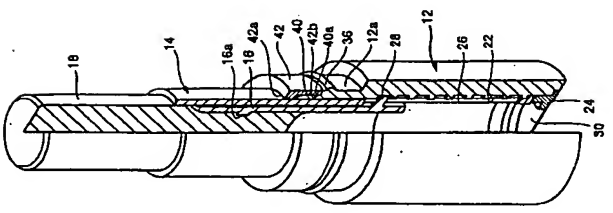
28 案内突起 40 雄径部
42 シール筒体 42a シール

615

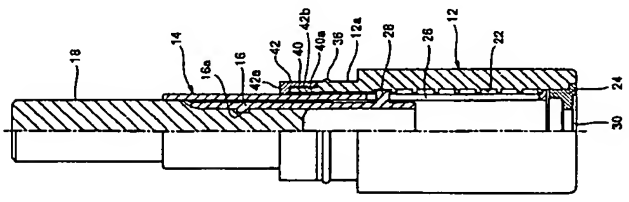
【図5】



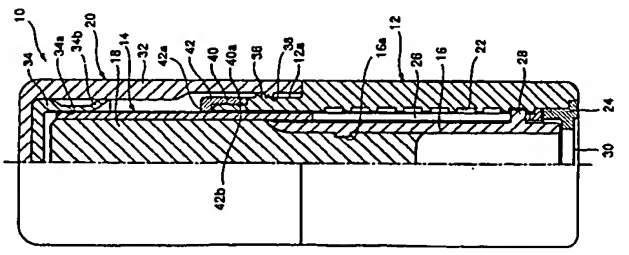
【図3】



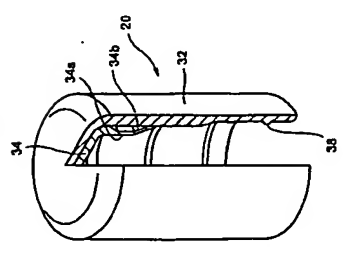
【図2】



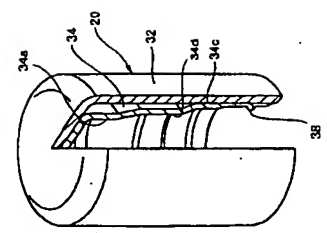
【図1】



【図4】



【図6】



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